

CLAIMS

1. A multimedia messaging service arrangement in a telecommunications system, the arrangement comprising:

a first system entity providing a multimedia messaging service to user equipment connected to a network of a system; and

a second system entity providing a value added service to a user of the user equipment via the multimedia messaging service, wherein

the first system entity is configured to send a message to the second system entity, in which the message comprises roaming information on the user equipment.

2. The arrangement of claim 1, wherein the roaming information comprises a roaming status indicating if the user equipment is roaming outside a home network of the user equipment.

3. The arrangement of claim 1, wherein the roaming information comprises an address of a switching centre which the user equipment is using.

4. The arrangement of claim 1, wherein the second system entity is configured to use the roaming information when providing a value added service to the user equipment.

5. The arrangement of claim 4, wherein the second system entity is configured to adapt, on the basis of the roaming information, content of at least one multimedia message to be delivered to the user equipment.

6. The arrangement of claim 5, wherein the second system entity is configured to encrypt or decrypt at least part of the content of the at least one multimedia message to be delivered to the user equipment according to the roaming information.

7. The arrangement of claim 6, wherein the second system entity is configured to perform the encryption or decryption by using digital rights management.

8. The arrangement of claim 4, wherein the second system entity is configured to determine, on the basis of the roaming information, whether the value added service is providable to the user equipment.

9. The arrangement of claim 4, wherein the second system entity is configured to select a route or a destination of at least one multimedia message to be delivered to the user of the user equipment according to the roaming information.

10. The arrangement of claim 3, wherein the second system entity is configured to determine a location of the user equipment according to the address of the switching centre which the user equipment is using and provide the user equipment with information relating to the determined location.

11. The arrangement of claim 4, wherein the second system entity is configured to determine charging related information according to the roaming information and to add the charging related information to at least one multimedia message to be delivered to the user equipment.

12. The arrangement of claim 1, wherein the first system entity is configured to send the message comprising the roaming information on the user equipment to the second system entity in response to a request received from the second system entity.

13. The arrangement of claim 1, wherein the first system entity is configured to obtain information on a location of the user equipment from another system entity and to determine the roaming information on the user equipment according to the obtained location information before sending the message comprising the roaming information on the user equipment to the second system entity.

14. The arrangement of claim 1, wherein the message comprising the roaming information on the user equipment is an MM7 interface message.

15. The arrangement of claim 14, wherein the message comprising the roaming information on the user equipment is an MM7 delivery request message or an MM7 delivery report request message.

16. The arrangement of claim 1, wherein the first system entity comprises a multimedia messaging service centre.

17. The arrangement of claim 1, wherein the second system entity comprises a multimedia messaging service value added service application.

18. The arrangement of claim 1, wherein the user equipment comprises a mobile station.

19. A method for providing a multimedia messaging service in a telecommunications system comprising a first system entity providing multimedia messaging service to a user equipment connected to a network of the system, and a second system entity providing a value added service to a user of the user equipment via the multimedia messaging service, the method comprising:

 sending a message from the first system entity to the second sys-

tem entity, wherein the message comprises roaming information on user equipment.

20. The method of claim 19, wherein the sending step comprises sending the message comprising roaming information, in which the roaming information comprises a roaming status indicating if the user equipment is roaming outside a home network of the user equipment.

21. The method of claim 19, wherein the sending step comprises sending the message comprising roaming information, in which the roaming information comprises an address of a switching centre which the user equipment is using.

22. The method of claim 19, further comprising using the roaming information when providing a value added service to the user equipment.

23. The method of claim 22, further comprising adapting, in the second system entity, content of at least one multimedia message to be delivered to the user equipment according to the roaming information .

24. The method of claim 22, further comprising encrypting at least part of content of at least one multimedia message to be delivered to the user equipment according to the roaming information.

25. The method of claim 24, wherein the encryption is performed by using digital rights management.

26. The method of claim 22, further comprising determining, whether a value added service is providable to the user equipment according to the roaming information.

27. The method of claim 22, further comprising selecting, in the second system entity, a route or a destination of at least one multimedia message to be delivered to a user of the user equipment according to the roaming information.

28. The method of claim 21, further comprising determining, in the second system entity, a location of the user equipment according to the address of the switching centre which the user equipment is using; and providing the user equipment with information relating to the determined location.

29. The method of claim 22, further comprising determining charging related information according to the roaming information; and adding the charging related information to at least one multimedia message to be delivered to the user equipment.

30. The method of claim 19, further comprising sending the mes-

sage, which comprises the roaming information on the user equipment, from the first system entity to the second system entity in response to a request received in the first system entity from the second system entity.

31. The method of claim 19, further comprising;

obtaining information on a location of the user equipment from another system entity than the first system entity; and

determining the roaming information on the user equipment according to the obtained location information before sending the message comprising the roaming information on the user equipment from the first system entity to the second system entity.

32. The method of claim 19, wherein the sending step comprises sending the message, in which the message comprising the roaming information on the user equipment is an MM7 interface message.

33. The method of claim 32, wherein the sending step comprises sending the message, in which the message comprising the roaming information on the user equipment is an MM7 delivery request message or an MM7 delivery report request message.

34. The method of claim 19, wherein the sending step comprises sending the message from the first system entity, in which the first system entity comprises a multimedia messaging service centre.

35. The method of claim 19, wherein the sending step comprises sending the message to the second system entity, in which the second system entity comprises a multimedia messaging service value added service application.

36. The method of claim 19, wherein the sending step comprises sending the message comprising the roaming information on the user equipment, in which the user equipment is a mobile station.

37. A telecommunications system element comprising:

providing means for providing multimedia messaging service to user equipment connected to a network; and

sending means for sending a message to a system entity providing a value added service to a user of the user equipment via the multimedia messaging service, wherein the message comprises roaming information on the user equipment.

38. The telecommunications system element of claim 37, wherein the roaming information comprises a roaming status indicating if the user

equipment is roaming outside a home network of the user equipment.

39. The telecommunications system element of claim 37, wherein the roaming information comprises an address of a switching centre which the user equipment is using.

40. The telecommunications system element of claim 37, wherein the sending means sends the message comprising the roaming information on the user equipment to the system entity providing the value added service in response to a request received from the system entity providing the value added service.

41. The telecommunications system element of claim 37, further comprising obtaining means for obtaining information on a location of the user equipment from another system element and

determining the roaming information on the user equipment according to the obtained location information before sending the message comprising the roaming information on the user equipment to the system entity providing the value added service.

42. The telecommunications system element of claim 37, wherein the message comprising the roaming information on the user equipment is an MM7 interface message.

43. The telecommunications system element of claim 42, wherein the message comprising the roaming information on the user equipment is an MM7 delivery request message or an MM7 delivery report request message.

44. The telecommunications system element of claim 37, further comprising a multimedia messaging service centre.

45. A value added service providing element comprising:

providing means for providing a value added service to a user of user equipment connected to a network via a multimedia messaging service that is provided by a multimedia messaging service providing system entity; and

receiving means for receiving a message from the multimedia messaging service providing system entity, wherein the message comprises roaming information on the user equipment.

46. The value added service providing element of claim 45, wherein the roaming information comprises a roaming status indicating if the user equipment is roaming outside a home network of the user equipment.

47. The value added service providing element of claim 45, wherein

the roaming information comprises an address of a switching centre, which the user equipment is using.

48. The value added service providing element of claim 45, further configured to use the roaming information when providing the value added service to the user equipment.

49. The value added service providing element of claim 48, further configured to adapt, content of at least one multimedia message to be delivered to the user equipment according to the roaming information.

50. The value added service providing element of claim 49, further configured to encrypt at least part of the content of at least one multimedia message to be delivered to the user equipment according to the roaming information.

51. The value added service providing element of claim 50, further configured to perform the encryption by using digital rights management.

52. The value added service providing element of claim 48, further configured to determine, whether the value added service is providable to the user equipment according to the roaming information.

53. The value added service providing element of claim 48, further configured to select a route or a destination of at least one multimedia message to be delivered to the user of the user equipment according to the roaming information.

54. The value added service providing element of claim 47, further configured to determine a location of the user equipment according to the address of the switching centre which the user equipment is using and provide the user equipment with information relating to the determined location.

55. The value added service providing element of claim 48, further configured to determine charging related information according to the roaming information and to add the charging related information to at least one multimedia message to be delivered to the user equipment.

56. The value added service providing element of claim 45, further configured to request the roaming information on the user equipment from the multimedia messaging service providing system entity.

57. The value added service providing element of claim 45, wherein the message comprising the roaming information on the user equipment is an MM7 interface message.

58. The value added service providing element of claim 57, wherein

the message comprising the roaming information on the user equipment is an MM7 delivery request message or an MM7 delivery report request message.

59. The value added service providing element of claim 45, further comprising a multimedia messaging service value added service application.

60. A computer-readable storage medium comprising a computer program set,

wherein the execution of the program set in a computer connected to a telecommunications system causes the computer to execute steps, the steps comprising:

providing a value added service to a user of user equipment connected to a network of a telecommunications system via a multimedia messaging service, which is provided by a multimedia messaging service providing system entity; and

receiving a message from the multimedia messaging service providing system entity, wherein the message comprises roaming information on the user equipment.

61. The method of claim 22, further comprising decrypting at least part of content of at least one multimedia message to be delivered to the user equipment according to the roaming information.

62. The method of claim 61, wherein the decryption is performed by using digital rights management.

63. The value added service providing element of claim 49, further configured to decrypt at least part of the content of the at least one multimedia message to be delivered to the user equipment according to the roaming information.

64. The value added service providing element of claim 63, further configured to perform the decryption by using digital rights management.

65. A system for providing a multimedia message service in a telecommunications system comprising a first system entity providing multimedia messaging service to a user equipment connected to a network of the system, and a second system entity providing a value added service to a user of the user equipment via the multimedia messaging service, the system comprising:

sending means for sending a message from a first system entity to a second system entity, wherein the message comprises roaming information on user equipment.

66. A method for multimedia messaging comprising:

providing a multimedia messaging serviced to user equipment connected to network of a system;

providing a value added service to a user of the user equipment via the multimedia messaging service; and

sending a message from a first system entity to a second system entity, wherein the message comprises roaming information to the user equipment.